

## EG 9200 Dental Operator Stool (Project # 06-029) (6/08)



The EG9200 Dental Operator Stool is an ergonomically designed stool that incorporates the previous design features of the 9000B (seat) and 9100B (backrest) stools which are other stool models offered by the Brewer Company. The EG9200 is said to enhance proper posture while reducing problems associated with musculoskeletal disorders. Features include a contoured, "cut-out" shallow seat pan with fully adjustable tilt for correct weight distribution and pelvic tilt. The backrest is contoured to cradle the back while allowing clearance of the shoulder blades for added comfort and maneuverability. The lumbar support purportedly inclines 10-20 degrees allowing for easy height adjustment. Asepsis and infection control procedures are said to be maximized with a design that uses screwless components and smooth, seamless vinyl upholstery. Pneumatic height adjustment ranges are 18.5 to 24.5 inches. A 24-inch powder-coated five-star cast aluminum base allows for added stability. The EG9200 Dental Operator Stool is available in eight different provider models and 32 color schemes. Some EG9200 stools are designed to accommodate the "Alleviate Arm Support System. This system features dual five-inch diameter mobile gel pads on a patented ball and socket that attaches to the underside of the bracketing arm on each side of the stool. This system purportedly allows comfortable support and movement of the stool's rests/gel pads under the provider's arms during patient treatment reducing arm fatigue and musculoskeletal stress. The arms include a tension control for flexibility and balance and include a height adjustment of up to seven inches. The 40-pound stool has a five-year warranty.



### Manufacturer:

The Brewer Company  
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### Suggested Retail Price:

\$1772.00	EG9200 Dental Operator Stool with Alleviate Arm Support System
\$1024.00	EG9200 Dental Operator Stool without Alleviate Arm Support System

### Government Price:

\$1021.00	EG9200 Dental Operator Stool with Alleviate Arm Support System
\$ 560.00	EG9200 Dental Operator Stool without Alleviate Arm Support System

### ADVANTAGES:

- + Functioned reliably during clinical evaluation
- + Seat height-adjustment lever allows for adaptation to body height
- + Adjustable backrest provided excellent lumbar support
- + The synchronized tilt of the backrest and seat allowed for increased provider comfort
- + Alleviate Arm Support System was convenient and provided adequate arm support
- + Seamless vinyl upholstery facilitates ease of cleaning and asepsis
- + Ergonomic design features a classical look that was reported to be esthetically pleasing
- + Appears to be of solid-construction with high-quality fit and finish
- + Five-star caster base with double wheels provided excellent stability and maneuverability
- + Concise operating instructions complete with graphics for visual interpretation
- + Includes a five-year warranty

**DISADVANTAGES:**

- Some evaluators found the overall stool size with support arms objectionable
- Alleviate Arm Support System not well received by most clinical evaluators
- Alleviate Arm Support System deemed cumbersome, impeding movement in the dental treatment room
- More expensive than other dental operator stools on federal service contract

**SUMMARY AND CONCLUSIONS:**

The EG9200 Dental Operator Stool is esthetically pleasing, solidly constructed, with a high-quality fit and finish. The double-wheeled, five-star caster base provided excellent stability and maneuverability. Features include synchronized tilt of the backrest and seat allowing for perceived increased provider comfort. The adjustable backrest provides excellent lumbar support. Seamless vinyl upholstery facilitates asepsis. Overall the EG9200 Dental Operator Stool is a well designed stool that provides excellent support to the dental provider. Within the time constraints of use by each clinical evaluator in this evaluation the addition of the "Alleviate Arm Support System" was not well received and is a costly optional addition. For these reasons DECS recommends that clinics interested in purchasing the stool do so without the "Alleviate Arm Support System". The **EG9200 Dental Operators Stool** is rated **Acceptable** for use in US Air Force dental facilities.